

**7.1.6 Phase Out Schedule of Halocarbons in the U.S. (1)**

| <u>Gas</u>                          | Manufacturing<br>Base Level (2)                                   | Manufacturing<br>Freeze (3) | Montreal Protocol<br><u>Reduction</u> |                  | U.S. Clean Air Act<br><u>Reduction</u> |              |
|-------------------------------------|---|-----------------------------|---------------------------------------|------------------|--|--------------|
|                                     |   |                             | <u>%</u>                              | <u>By</u>        | <u>%</u>                               | <u>By</u>    |
| Chlorofluorocarbons<br>(CFCs)       | 1986  | 1989                        | 75%<br>100%                           | 1994<br>1996 (4) | 75%<br>100%                            | 1994<br>1996 |
| Bromofluorocarbons<br>(Halons)      | 1986  | 1992                        | 100%                                  | 1994 (4)         | 100%                                   | 1994         |
| Hydrochlorofluorocarbons<br>(HCFCs) | 1989 HCFC<br>consumption<br>+ 2.8 % of<br>1989 CFC<br>consumption | 1996                        | 35.0%                                 | 2004             | 35%                                    | 2003         |
|                                     |   |                             | 75.0%                                 | 2010             | 75%                                    | 2010         |
|                                     |   |                             | 90.0%                                 | 2015             | 90%                                    | 2015         |
|                                     |   |                             | 99.5%<br>100%                         | 2020<br>2030 (4) | 99.5%<br>100%                          | 2020<br>2030 |
| Hydrofluorocarbons<br>(HFCs)        | N.A.  | N.A.                        | N.A.                                  | N.A.             | N.A.                                   | N.A.         |

Note(s): 1) The phase out of halocarbons is consistent with Title VI of the Clean Air Act and is in accordance with the Montreal Protocol and Amendments. 2) The amount of gas produced and consumed in this year is established and defined as the base level. To meet basic domestic needs, levels of production are allowed to exceed the base level by up to 10%. 3) After this year, levels of production are no longer permitted to exceed the base year level. 4) With possible essential use exemptions.

Source(s): Federal Register, Vol. 72, No. 123, June 2007, p. 35230, <http://www.epa.gov/ozone/title6/phaseout>; United Nations Ozone Environmental Programme, Ozone Secretariat, 2005, <http://www.unep.ch/ozone/index.shtml>; and Title VI, The Clean Air Act of 1990, S.1630, 101st Congress., 2nd Session.